

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

STARRED QUESTION NO:321
ANSWERED ON:19.03.2015
GREEN ENERGY CORRIDOR PROJECT
Lekhi Smt. Meenakashi

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether the synchronization of electricity produced from renewable sources with conventional power stations in the grid under the Green Energy Corridor Project has commenced;
- (b) if so, the details thereof alongwith the funds sanctioned/released for the purpose;
- (c) the States where such project is under implementation or proposed to be taken up;
- (d) whether the Government has received any financial and technical assistance from foreign countries including World Bank for the project, if so, the details thereof; and
- (e) the steps taken by the Government to prevent any grid failures under the project?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PYUSH GOYAL)

(a),(b),(c),(d)&(e): A Statement is laid on the Table of the House.

Statement

Statement referred to in reply to parts (a),(b),(c),(d)&(e) of the Lok Sabha Starred Question No. 321 for answer on 19.03.2015 regarding Green Energy Corridor Project

(a): Synchronization of power from renewable sources under Green Energy Corridor project with soft loan assistance from Kreditanstalt für Wiederaufbau (KfW), Germany has not commenced because the project is still at different stages of implementation in different States.

(b): On 10 December 2014, the Cabinet Committee on Economic Affairs has approved Rs 637.20 crore to Tamil Nadu under National Clean Energy Fund for creation of intra-State transmission system for renewable power evacuation. Further, KfW, Germany has signed loan agreements for soft loan with the Power Grid Corporation of India Ltd. for Euro 500 million; with the State of Tamil Nadu for Euro 76 million; and with state of Rajasthan for Euro 49 million.

(c): The project is being implemented in the States of Andhra Pradesh, Gujarat, Himachal Pradesh, Karnataka, Maharashtra, Madhya Pradesh, Rajasthan, Tamil Nadu and Jammu & Kashmir.

(d): KfW, Germany has agreed to provide concessional loan of Euro 1 billion, over the next six years, to augment and strengthen power transmission infrastructure for evacuation of renewable power. In addition, GIZ, Germany has agreed to provide technical assistance of Euro 2 million for forecasting, balancing, market design and network management in connection with grid integration of renewable power. No loan or grant has been received from the World Bank for the above purpose.

(e): Green Energy Corridor project will help in grid stability by way of evacuating renewable power from the generation points to load centers with creation of additional and adequate transmission capacity. In addition, the project includes establishment of Renewable Energy Management Centers (REMCs) which, among others, serve as nodal points for scheduling and forecasting renewable power and help in better grid management.